

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.B. Krumerich Plant, Sauget, Illinois. \*\*\*

	Well Number:	GM-1	GM-1	GM-2	GM-2	GM-3	GM-3	GM-3	GM-4A	GM-4A	GM-4B
	Date:	11/83	5/84	11/83	5/84	11/83	5/84	5/84*	11/83	5/84	9/84
USEPA Priority Pollutant											
Pesticide/PCB Compounds											
concentrations are in ug/L											
aldrin		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.04
alpha-BHC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.02
beta-BHC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.05
gamma-BHC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.03
delta-BHC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.04
chlordane		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.61
4,4'-DDT		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.96
4,4'-DDE		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.07
4,4'-DDD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.07
dieldrin		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.007
endosulfan I		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.006
endosulfan II		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1
endosulfan sulfate		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.15
endrin		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.20
endrin aldehyde		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.022
heptachlor		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.04
heptachlor epoxide		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.05
PCB-1016		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.34
PCB-1221		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.33
PCB-1232		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.62
PCB-1242		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.82
PCB-1248		<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.86
PCB-1254		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.23
PCB-1260		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.74
toxaphene		<1	<1	<1	<1	<1	<1	<1	<1	<1	<6.94
Total Pesticide/PCB Compounds		0	0	0	0	0	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	GM-4B	GM-4B	GM-4B	GM-4C	GM-4C	GM-5	GM-5	GM-6A	GM-6A	GM-6A
Date:	11/84	11/84*	2/85	2/85	5/85	11/83	5/84	11/83	5/84	11/84
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<10	<10	<1.9	<2	<1.9	<1	<1	<10	<1	<10
alpha-BHC	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
beta-BHC	<10	<10	<4.2	<4	<4.2	<1	<1	<10	<1	<10
gamma-BHC	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
delta-BHC	<10	<10	<3.1	<3	<3.1	<1	<1	<10	<1	<10
chlordane	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
4,4'-DDT	<10	<10	<4.7	<5	<4.7	<1	<1	<10	<1	<10
4,4'-DDE	<10	<10	<5.6	<6	<5.6	<1	<1	<10	<1	<10
4,4'-DDD	<10	<10	<2.8	<3	<2.8	<1	<1	<10	<1	<10
dieldrin	<10	<10	<2.5	<3	<2.5	<1	<1	<10	<1	<10
endosulfan I	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
endosulfan II	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
endosulfan sulfate	<10	<10	<5.6	<6	<5.6	<1	<1	<10	<1	<10
endrin	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
endrin aldehyde	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
heptachlor	<10	<10	<1.9	<2	<1.9	<1	<1	<10	<1	<10
heptachlor epoxide	<10	<10	<2.2	<2	<2.2	<1	<1	<10	<1	<10
PCB-1016	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
PCB-1221	<10	<10	<30	<30	<30	<1	<1	<10	<1	<10
PCB-1232	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
PCB-1242	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
PCB-1248	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
PCB-1254	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
PCB-1260	<10	<10	<36	<36	<36	<1	<1	<10	<1	<10
toxaphene	<10	<10	<10	<10	<10	<1	<1	<10	<1	<10
Total Pesticide/PCB Compounds	0	0	0	0	0	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, M.G. Krumerich Plant, Sauget, Illinois. \*\*\*

Well Number:	GM-6B	GM-6B	GM-6B	GM-7	GM-7	GM-8	GM-8	GM-8	GM-8	GM-9A
Date:	9/84**	11/84	11/85	11/83	5/84	11/83	5/84	11/84	2/85	11/83
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<0.004	<10	<1.9	<1	<1	<1	<1	<10	<2	<1
alpha-BHC	<0.002	<10	<10	<1	<1	<1	<1	<10	<10	<1
beta-BHC	<0.005	<10	<4.4	<1	<1	<1	<1	<10	<4	<1
gamma-BHC	<0.003	<10	<10	<1	<1	<1	<1	<10	<10	<1
delta-BHC	<0.004	<10	<3.1	<1	<1	<1	<1	<10	<3	<1
chlordane	<0.061	<10	<10	<1	<1	<1	<1	<10	<10	<1
4,4'-DDT	<0.096	<10	<2.8	<1	<1	<1	<1	<10	<5	<1
4,4'-DDE	<0.007	<10	<5.6	<1	<1	<1	<1	<10	<6	<1
4,4'-DDD	<0.007	<10	<4.7	<1	<1	<1	<1	<10	<3	<1
dieldrin	<0.007	<10	<2.5	<1	<1	<1	<1	<10	<3	<1
endosulfan I	<0.006	<10	<10	<1	<1	<1	<1	<10	<10	<1
endosulfan II	<0.011	<10	<10	<1	<1	<1	<1	<10	<10	<1
endosulfan sulfate	<0.042	<10	<5.6	<1	<1	<1	<1	<10	<6	<1
endrin	<0.02	<10	<10	<1	<1	<1	<1	<10	<10	<1
endrin aldehyde	<0.022	<10	<10	<1	<1	<1	<1	<10	<10	<1
heptachlor	<0.004	<10	<1.9	<1	<1	<1	<1	<10	<2	<1
heptachlor epoxide	<0.005	<10	<2.2	<1	<1	<1	<1	<10	<2	<1
PCB-1016	<0.034	<10	<36	<1	<1	<1	<1	<10	<36	<1
PCB-1221	<0.133	<10	<30	<1	<1	<1	<1	<10	<30	<1
PCB-1232	<0.062	<10	<36	<1	<1	<1	<1	<10	<36	<1
PCB-1242	<0.082	<10	<36	<1	<1	<1	<1	<10	<36	<1
PCB-1248	<0.086	<10	<36	<1	<1	<1	<1	<10	<36	<1
PCB-1254	<0.123	<10	<36	<1	<1	<1	<1	<10	<36	<1
PCB-1260	<0.174	<10	<36	<1	<1	<1	<1	<10	<36	<1
toxaphene	<0.694	<10	<10	<1	<1	<1	<1	<10	<10	<1
Total Pesticide/PCB Compounds	0	0	0	0	0	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	GM-9A	GM-9B	GM-9B	GM-9C	GM-9C	GM-10A	GM-10A	GM-10B	GM-10B	GM-10C
Date:	5/84	9/84	5/85	9/84	5/85	11/83	5/84	2/85	5/85	2/85
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<1	<0.004	<1.9	<0.004	<1.9	<1	<1	<2.1	<1.9	<2
alpha-BHC	<1	0.012	<10	<0.002	<10	<1	<1	<11	<10	<10
beta-BHC	<1	<0.005	<4.2	<0.005	<4.2	<1	<1	<4.6	<4.2	<4
gamma-BHC	<1	<0.006	<10	0.003	<10	<1	<1	<11	<10	<10
delta-BHC	<1	<0.004	<3.1	<0.004	<3.1	<1	<1	<3.4	<3.1	<3
chlordan	<1	<0.061	<10	<0.061	<10	<1	<1	<11	<10	<10
4,4'-DDT	<1	<0.096	<4.7	<0.096	<4.7	<1	<1	<5.2	<4.7	<5
4,4'-DDE	<1	<0.007	<5.6	<0.007	<5.6	<1	<1	<6.2	<5.6	<6
4,4'-DDD	<1	<0.007	<2.8	<0.007	<2.8	<1	<1	<3.1	<2.8	<3
dieldrin	<1	<0.07	<2.5	<0.007	<2.5	<1	<1	<2.8	<2.5	<3
endosulfan I	<1	<0.06	<10	<0.006	<10	<1	<1	<11	<10	<10
endosulfan II	<1	<0.11	<10	<0.011	<10	<1	<1	<11	<10	<10
endosulfan sulfate	<1	<0.42	<5.6	<0.042	<5.6	<1	<1	<6.2	<5.6	<6
endrin	<1	<0.20	<10	<0.02	<10	<1	<1	<11	<10	<10
endrin aldehyde	<1	<0.22	<10	<0.022	<10	<1	<1	<11	<10	<10
heptachlor	<1	<0.004	<1.9	<0.004	<1.9	<1	<1	<2.1	<1.9	<2
heptachlor epoxide	<1	<0.005	<2.2	<0.004	<2.2	<1	<1	<2.4	<2.2	<2
PCB-1016	<1	<0.034	<36	<0.034	<36	<1	<1	<39.6	<36	<36
PCB-1221	<1	<0.133	<30	<0.133	<30	<1	<1	<33	<30	<30
PCB-1232	<1	<0.062	<36	<0.062	<36	<1	<1	<39.6	<36	<36
PCB-1242	<1	<0.082	<36	<0.082	<36	<1	<1	<39.6	<36	<36
PCB-1248	<1	<0.086	<36	<0.086	<36	<1	<1	<39.6	<36	<36
PCB-1254	<1	<0.123	<36	<0.123	<36	<1	<1	<39.6	<36	<36
PCB-1260	<1	<0.174	<36	<0.174	<36	<1	<1	<39.6	<36	<36
toxaphene	<1	<0.694	<10	<0.694	<10	<1	<1	<10	<10	<10
Total Pesticide/PCB Compounds	0	0.012	0	0.003	0	0	0	0	0	0



Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	GM-12A	GM-12A	GM-12A	GM-12A	GM-12A	GM-12B	GM-12B	GM-12C	GM-12C	GM-12C
Date:	2/85*	5/85	5/85*	2/86	2/86*	9/84	11/84	2/85	2/85*	5/85
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<1.9	<1.9	<1.9	<2	<1.9	<0.02	<10	<1.9	<1.9	<1.9
alpha-BHC	<10	<10	<10	<11	<10	<0.01	<10	<10	<10	<10
beta-BHC	<4.2	<4.2	<4.2	<4.7	<4.4	<0.025	<10	<4.2	<4.2	<4.2
gamma-BHC	<10	<10	<10	<11	<10	<0.015	<10	<10	<10	<10
delta-BHC	<3.1	<3.1	<3.1	<3.3	<3.1	<0.02	<10	<3.1	<3.1	<3.1
chlordane	<10	<10	<10	<11	<10	<0.305	<10	<10	<10	<10
4,4'-DDT	<4.7	<4.7	<4.7	<3	<2.8	<0.48	<10	<4.7	<4.7	<4.7
4,4'-DDE	<5.6	<5.6	<5.6	<6	<5.7	<0.035	<10	<5.6	<5.6	<5.6
4,4'-DDD	<2.8	<2.8	<2.8	<5	<4.7	<0.035	<10	<2.8	<2.8	<2.8
dieldrin	<2.5	<2.5	<2.5	<2.7	<2.5	<0.007	<10	<2.5	<2.5	<2.5
endosulfan I	<10	<10	<10	<11	<10	<0.006	<10	<10	<10	<10
endosulfan II	<10	<10	<10	<11	<10	<0.011	<10	<10	<10	<10
endosulfan sulfate	<5.6	<5.6	<5.6	<6	<5.7	<0.042	<10	<5.6	<5.6	<5.6
endrin	<10	<10	<10	<11	<10	<0.02	<10	<10	<10	<10
endrin aldehyde	<10	<10	<10	<11	<10	<0.022	<10	<10	<10	<10
heptachlor	<1.9	<1.9	<1.9	<2	<1.9	<0.02	<10	<1.9	<1.9	<1.9
heptachlor epoxide	<2.2	<2.2	<2.2	<2.3	<2.2	<0.025	<10	<2.2	<2.2	<2.2
PCB-1016	<36	<36	<36	<38	<36	<0.17	<10	<36	<36	<36
PCB-1221	<30	<30	<30	<32	<30	<0.665	<10	<30	<30	<30
PCB-1232	<36	<36	<36	<38	<36	<0.31	<10	<36	<36	<36
PCB-1242	<36	<36	<36	<38	<36	10.69	<10	<36	<36	<36
PCB-1248	<36	<36	<36	<38	<36	<0.43	<10	<36	<36	<36
PCB-1254	<36	<36	<36	<38	<36	<0.615	<10	<36	<36	<36
PCB-1260	<36	<36	<36	<38	<36	<0.87	<10	<36	<36	<36
toxaphene	<10	<10	<10	<11	<10	<3.47	<10	<10	<10	<10
Total Pesticide/PCB Compounds	0	0	0	0	0	10.69	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.B. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	GM-12C	GM-13	GM-13	GM-14	GM-15	GM-16A	GM-16A	GM-16A	GM-16B	GM-16B
Date:	5/85*	9/84	2/86	9/84	9/84	9/84**	5/85	11/85	9/84**	5/85
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<1.9	0.58	<100	<4	0.055	<0.004	<1.9	<1.9	<0.004	<1.9
alpha-BHC	<10	35.4	<530	<2	0.005	<0.002	<10	<10	<0.002	<10
beta-BHC	<4.2	<0.05	<230	<5	0.108	<0.005	<4.2	<4.5	<0.005	<4.2
gamma-BHC	<10	0.73	<530	<3	0.008	<0.003	<10	<10	<0.003	<10
delta-BHC	<3.1	0.243	<160	<4	0.012	<0.004	<3.1	<3.2	<0.004	<3.1
chlordane	<10	<0.61	<530	<61	<0.061	<0.061	<10	<10	<0.061	<10
4,4'-DDT	<4.7	<0.96	<150	<96	<0.096	<0.096	<4.7	<2.9	<0.096	<4.7
4,4'-DDE	<5.6	<0.07	<290	<7	0.004	<0.007	<5.6	<5.7	<0.007	<5.6
4,4'-DDD	<2.8	<0.07	<250	<7	0.063	<0.007	<2.8	<4.8	<0.007	<2.8
dieldrin	<2.5	<0.07	<130	<14	<0.007	<0.007	<2.5	<2.6	<0.007	<2.5
endosulfan I	<10	<0.06	<530	<12	<0.006	<0.006	<10	<10	<0.006	<10
endosulfan II	<10	<0.011	<530	<0.011	<0.11	<0.011	<10	<10	<0.011	<10
endosulfan sulfate	<5.6	<0.042	<290	<0.042	<0.42	<0.042	<5.6	<5.7	<0.042	<5.6
endrin	<10	<0.02	<530	<14	<0.02	<0.02	<10	<10	<0.02	<10
endrin aldehyde	<10	<0.22	<530	<12	<0.022	<0.022	<10	<10	<0.022	<10
heptachlor	<1.9	68.2	<100	<4	0.027	<0.004	<1.9	<1.9	<0.004	<1.9
heptachlor epoxide	<2.2	1.01	<120	<5	<0.005	<0.005	<2.2	<2.2	<0.005	<2.2
PCB-1016	<36	<0.34	<1900	<34	<0.034	<0.034	<36	<37	<0.034	<36
PCB-1221	<30	<1.33	<1600	<133	<0.133	<0.133	<30	<31	<0.133	<30
PCB-1232	<36	<0.62	<1900	<62	<0.062	<0.062	<36	<37	<0.062	<36
PCB-1242	<36	<0.82	<1900	<82	<0.082	<0.082	<36	<37	<0.082	<36
PCB-1248	<36	<0.86	<1900	<86	<0.086	<0.086	<36	<37	<0.086	<36
PCB-1254	<36	<1.23	<1900	<123	4.99	<0.123	<36	<37	<0.123	<36
PCB-1260	<36	<1.74	<1900	<174	<0.174	<0.174	<36	<37	<0.174	<36
toxaphene	<10	<6.94	<530	<694	<0.694	<0.694	<10	<10	<0.694	<10
Total Pesticide/PCB Compounds	0	106.163	0	0	5.272	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

	Well Number:	GM-16B	GM-16B	GM-17A	GM-17A	GM-17B	GM-17B	GM-17C	GM-17C	GM-18A	GM-18A
	Date:	11/85	2/86	9/84	11/84	9/84	11/84	9/84	11/84	9/84	5/85
USEPA Priority Pollutant											
Pesticide/PCB Compounds											
concentrations are in ug/L											
aldrin		<2	NA	0.048	<10	0.017	<10	0.006	<10	0.0358	<1.9
alpha-BHC		<11	NA	0.10	<10	0.012	<10	0.046	<10	0.0276	<10
beta-BHC		<4.7	NA	<0.005	<10	0.101	<10	<0.005	<10	<0.005	<4.2
gamma-BHC		<11	NA	0.075	<10	0.014	<10	<0.003	<10	0.0144	<10
delta-BHC		<3.3	NA	<0.004	<10	0.023	<10	<0.004	<10	<0.004	<3.1
chlordane		<11	NA	<0.061	<10	<0.061	<10	<0.061	<10	<0.061	<10
4,4'-DDT		<3	NA	<0.096	<10	<0.096	<10	<0.096	<10	<0.096	<4.7
4,4'-DDE		<6	NA	<0.007	<10	<0.007	<10	<0.007	<10	<0.007	<5.6
4,4'-DDD		<5.1	NA	<0.005	<10	<0.007	<10	<0.007	<10	<0.007	<2.8
dieldrin		<2.7	NA	<0.007	<10	<0.007	<10	<0.007	<10	<0.007	<2.5
endosulfan I		<11	NA	<0.006	<10	<0.006	<10	<0.006	<10	<0.006	<10
endosulfan II		<11	NA	<0.011	<10	<0.011	<10	<0.011	<10	<0.011	<10
endosulfan sulfate		<6	NA	<0.042	<10	0.826	<10	0.139	<10	0.167	<5.6
endrin		<11	NA	<0.02	<10	<0.02	<10	<0.02	<10	<0.02	<10
endrin aldehyde		<11	NA	<0.022	<10	<0.022	<10	<0.022	<10	<0.022	<10
heptachlor		<2	NA	<0.04	<10	0.022	<10	<0.004	<10	<0.004	<1.9
heptachlor epoxide		<2.4	NA	<0.005	<10	<0.005	<10	<0.005	<10	<0.005	<2.2
PCB-1016		<39	<37	<0.034	<10	<0.034	<10	<0.034	<10	<0.034	<36
PCB-1221		<32	<31	<0.133	<10	<0.133	<10	<0.133	<10	<0.133	<30
PCB-1232		<39	<37	<0.062	<10	<0.062	<10	<0.062	<10	<0.062	<36
PCB-1242		<39	<37	<0.082	<10	<0.082	<10	<0.082	<10	<0.082	<36
PCB-1248		<39	<37	<0.086	<10	<0.086	<10	<0.086	<10	<0.086	<36
PCB-1254		<39	<37	<0.123	<10	<0.123	<10	<0.123	<10	<0.123	<36
PCB-1260		74.8	<37	<0.174	<10	<0.174	<10	<0.174	<10	<0.174	<36
toxaphene		<11	NA	<0.694	<10	<0.694	<10	<0.694	<10	<0.694	<10
Total Pesticide/PCB Compounds		74.8	0	0.223	0	1.015	0	0.191	0	0.2448	0



Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

	Well Number:	GM-18B	GM-18B	GM-25A	GM-25A	GM-25B	GM-25B	GM-27B	GM-27B	GM-27C	GM-27C
	Date:	9/84	5/85	9/84	11/84	9/84	11/84	9/84	2/86	9/84	2/86
USEPA Priority Pollutant											
Pesticide/PCB Compounds											
concentrations are in ug/L											
aldrin		0.068	<2	0.003	<10	0.099	<10	0.016	<2	0.034	<1.9
alpha-BHC		0.009	<10	<0.002	<10	<0.002	<10	<0.002	<10	<0.002	<10
beta-BHC		0.004	<4	<0.005	<10	0.162	<10	<0.005	<4.5	<0.005	<4.5
gamma-BHC		0.072	<10	0.002	<10	0.219	<10	<0.003	<10	19.3	<10
delta-BHC		<0.004	<3	<0.004	<10	<0.004	<10	<0.004	<3.2	0.014	<3.2
chlordane		<0.061	<10	<0.061	<10	<0.061	<10	<0.061	<10	<0.061	<10
4,4'-DDT		<0.096	<5	<0.096	<10	<0.096	<10	<0.096	<2.9	<0.096	<2.9
4,4'-DDE		<0.007	<6	<0.007	<10	<0.007	<10	<0.007	<5.8	<0.007	<5.7
4,4'-DDD		0.014	<3	<0.007	<10	<0.007	<10	<0.007	<4.8	<0.007	<4.8
dieldrin		<0.007	<3	0.002	<10	0.052	<10	<0.007	<2.6	<0.07	<2.6
endosulfan I		<0.006	<10	<0.006	<10	<0.006	<10	<0.006	<10	<0.06	<10
endosulfan II		<0.011	<10	<0.011	<10	<0.011	<10	<1.1	<10	<0.11	<10
endosulfan sulfate		0.124	<6	<0.042	<10	0.161	<10	<4.2	<5.8	0.316	<5.7
endrin		<0.020	<10	<0.02	<10	<0.07	<10	35.8	<10	15.2	<10
endrin aldehyde		<0.022	<10	<0.022	<10	<0.022	<10	<0.22	<10	<0.22	<10
heptachlor		<0.004	<2	<0.004	<10	0.165	<10	0.01	<2	0.082	<1.9
heptachlor epoxide		0.006	<2	<0.005	<10	0.092	<10	<0.005	<2.3	<0.005	<2.2
PCB-1016		<0.034	<36	<0.034	<10	<0.034	<10	<0.034	<37	<0.034	<37
PCB-1221		<0.133	<30	<0.133	<10	<0.133	<10	<0.133	<31	<0.133	<31
PCB-1232		<0.062	<36	<0.062	<10	<0.062	<10	<0.062	<37	<0.062	<37
PCB-1242		<0.082	<36	<0.082	<10	<0.082	<10	<0.082	<37	<0.082	<37
PCB-1248		<0.086	<36	<0.086	<10	<0.086	<10	<0.086	<37	<0.086	<37
PCB-1254		<0.123	<36	<0.123	<10	<0.123	<10	<0.123	<37	<0.123	<37
PCB-1260		<0.174	<36	<0.174	<10	<0.174	<10	0.94	<37	<0.174	<37
toxaphene		<0.694	<10	<0.694	<10	<0.694	<10	<0.694	<10	<0.694	<10
Total Pesticide/PCB Compounds		0.297	0	0.007	0	0.95	0	36.766	0	34.946	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

	Well Number:	6M-28B	6M-28B	6M-28C	6M-28C	6M-29	6M-29	6M-30	6M-30	6M-30	6M-31A
	Date:	9/84	2/86	9/84	2/86	9/84**	11/85	9/84**	11/85	2/86	2/85
USEPA Priority Pollutant											
Pesticide/PCB Compounds											
concentrations are in ug/L											
aldrin		<0.004	<1.9	<0.04	<1.9	<0.004	<2.3	<0.004	<2.1	<2.3	<2
alpha-BHC		17.5	<10	<0.002	<10	<0.002	<12	<0.002	<11	<12	<10
beta-BHC		6.0	<4.5	<0.005	<4.4	<0.005	<5.2	<0.005	<4.9	<5.2	<4
gamma-BHC		42	<10	0.04	<10	<0.003	<12	<0.003	<11	<12	<10
delta-BHC		<0.004	<3.2	<0.04	<3.1	<0.004	<3.7	<0.004	<3.4	<3.7	<3
chlordane		<0.061	<10	<0.61	<10	<0.061	<12	<0.061	<11	<12	<10
4,4'-DDT		<0.096	<2.9	<0.96	<2.8	<0.096	<3.3	<0.096	<3.1	<3.3	<5
4,4'-DDE		<0.007	<5.7	<0.07	<5.7	<0.007	<6.7	<0.007	<6.2	<6.7	<6
4,4'-DDD		<0.007	<4.8	<0.07	<4.7	<0.007	<5.6	<0.007	<5.2	<5.6	<3
dieldrin		<0.007	<2.6	<0.7	<2.5	<0.007	<3	<0.007	<2.8	<3	<3
endosulfan I		<0.006	<10	<0.6	<10	<0.006	<12	<0.006	<11	<12	<10
endosulfan II		<1.1	<10	<1.1	<10	<0.011	<12	<0.011	<11	<12	<10
endosulfan sulfate		<4.2	<5.7	<4.2	<5.7	<0.042	<6.7	<0.042	<6.2	<6.7	<6
endrin		283	<10	<2.0	<10	<0.02	<12	<0.02	<11	<12	<10
endrin aldehyde		0.014	<10	0.014	<10	0.258	<12	<0.022	<11	<12	<10
heptachlor		2.09	<1.9	0.47	<1.9	<0.004	<2.3	<0.004	<2.1	<2.3	<2
heptachlor epoxide		<0.005	<2.3	<0.05	<2.2	<0.005	<2.6	<0.005	<2.4	<2.6	<2
PCB-1016		<0.034	<37	<0.34	<36	<0.034	<43	<0.034	<40	<43	<36
PCB-1221		<0.133	<31	<1.33	<30	<0.133	<36	<0.133	<33	<36	<30
PCB-1232		<0.062	<37	<0.62	<36	<0.062	<43	<0.062	<40	<43	<36
PCB-1242		<0.082	<37	<0.82	<36	<0.082	<43	<0.082	<40	<43	<36
PCB-1248		<0.086	<37	<0.86	<36	<0.086	<43	<0.086	<40	<43	<36
PCB-1254		<0.123	<37	<1.23	<36	<0.123	<43	<0.123	<40	<43	<36
PCB-1260		<0.174	<37	<1.74	<36	<0.174	<43	<0.174	<40	<43	<36
toxaphene		<0.694	<10	<6.94	<10	<0.694	<12	<0.694	<11	<12	<10
Total Pesticide/PCB Compounds		350.604	0	0.524	0	0.258	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, M.G. Krumerich Plant, Sauget, Illinois. \*\*\*

	Well Number:	GM-31A	GM-31B	GM-31B	GM-31C	GM-31C	B-24A	B-25A	B-25B	B-27B	B-28A
	Date:	5/85	2/85	5/85	2/85	5/85	2/86	6/84	6/84	9/84	2/86
USEPA Priority Pollutant Pesticide/PCB Compounds concentrations are in ug/L											
aldrin		<1.9	<2	<1.9	<2	<1.9	<2	<10	<10	<4	<2
alpha-BHC		<10	<10	<10	<10	<10	<10	<10	<10	<11	<11
beta-BHC		<4.2	<4	<4.2	<4	<4.2	<4.5	<10	<10	<5	<4.7
gamma-BHC		<10	<10	<10	<10	<10	<10	<10	<10	<3	<11
delta-BHC		<3.1	<3	<3.1	<3	<3.1	<3.2	<10	<10	<4	<3.3
chlordane		<10	<10	<10	<10	<10	<10	<100	<100	<61	<11
4,4'-DDT		<4.7	<5	<4.7	<5	<4.7	<2.9	<10	<10	<96	<3
4,4'-DDE		<5.6	<6	<5.6	<6	<5.6	<5.8	<10	<10	<7	<6
4,4'-DDD		<2.8	<3	<2.8	<3	<2.8	<4.8	<10	<10	<7	<5
dieldrin		<2.5	<3	<2.5	<3	<2.5	<2.6	<10	<10	<7	<2.7
endosulfan I		<10	<10	<10	<10	<10	<10	<10	<10	<6	<11
endosulfan II		<10	<10	<10	<10	<10	<10	<10	<10	<5.5	<11
endosulfan sulfate		<5.6	<6	<5.6	<6	<5.6	<5.8	<10	<10	<21	<6
endrin		<10	<10	<10	<10	<10	<10	<10	<10	<20	<11
endrin aldehyde		<10	<10	<10	<10	<10	<10	<10	<10	<22	<11
heptachlor		<1.9	<2	<1.9	<2	<1.9	<2	<10	<10	<4	<2
heptachlor epoxide		<2.2	<2	<2.2	<2	<2.2	<2.3	<10	<10	<5	<2.3
PCB-1016		<36	<36	<36	<36	<36	<37	<50	<50	<34	<38
PCB-1221		<30	<30	<30	<30	<30	<31	<50	<50	<133	<32
PCB-1232		<36	<36	<36	<36	<36	<37	<50	<50	<62	<38
PCB-1242		<36	<36	<36	<36	<36	<37	<50	<50	<82	<38
PCB-1248		<36	<36	<36	<36	<36	<37	<50	<50	<86	<38
PCB-1254		<36	<36	<36	<36	<36	<37	<50	<50	<123	<38
PCB-1260		<36	<36	<36	<36	<36	<37	<50	<50	<174	<38
toxaphene		<10	<10	<10	<10	<10	<10	<250	<250	<694	<11
Total Pesticide/PCB Compounds		0	0	0	0	0	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	B-29A	B-29B	B-29B	B-29B	B-29B	B-30B	B-31B	B-31B	B-31C	B-31C
Date:	6/84	6/84	6/84*	6/84*	11/84	9/84	11/85	2/86	9/84	9/84*
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<10	<10	<10	<100	<50	<4	<1.9	<1.9	<0.04	0.03
alpha-BHC	<10	<10	<10	<100	<50	<11	<10	<10	<0.02	<0.002
beta-BHC	<10	<10	<10	<100	<50	<5	<4.4	<4.4	<0.05	<0.005
gamma-BHC	<10	<10	<10	<100	<50	<3	<10	<10	<0.03	<0.003
delta-BHC	<10	<10	<10	<100	<50	<4	<3.1	<3.1	<0.04	<0.004
chlordane	<100	<100	<100	<100	<50	<61	<10	<10	<0.61	<0.061
4,4'-DDT	<10	<10	<10	<100	<50	<96	<2.8	<2.8	<0.96	<0.096
4,4'-DDE	<10	<10	<10	<100	<50	<7	<5.6	<5.7	<0.07	<0.007
4,4'-DDD	<10	<10	<10	<100	<50	<7	<4.7	<4.7	<0.07	<0.007
dieldrin	<10	<10	<10	<100	<50	<7	<2.5	<2.5	<0.007	<0.007
endosulfan I	<10	<10	<10	<100	<50	<6	<10	<10	<0.006	<0.006
endosulfan II	<10	<10	<10	<100	<50	<11	<10	<10	<0.011	<0.011
endosulfan sulfate	<10	<10	<10	<100	<50	<42	<5.6	<5.7	<0.042	<0.042
endrin	<10	<10	<10	<100	<50	<20	<10	<10	<0.02	<0.02
endrin aldehyde	<10	<10	<10	<100	<50	<22	<10	<10	<0.022	<0.022
heptachlor	<10	<10	<10	<100	<50	<4	<1.9	<1.9	<0.04	<0.004
heptachlor epoxide	<10	<10	<10	<100	<50	<5	<2.2	<2.2	<0.05	<0.005
PCB-1016	<50	<50	<50	<100	<50	<34	<36	<36	<0.34	<0.034
PCB-1221	<50	<50	<50	<100	<50	<133	<30	<30	<1.33	<0.133
PCB-1232	<50	<50	<50	<100	<50	<62	<36	<36	<0.62	<0.062
PCB-1242	<50	<50	<50	<100	<50	<82	<36	<36	<0.82	<0.082
PCB-1248	<50	<50	<50	<100	<50	<86	<36	<36	<0.86	<0.086
PCB-1254	<50	<50	<50	<100	<50	<123	<36	<36	<1.23	<0.123
PCB-1260	<50	<50	<50	<100	<50	<174	<36	<36	<1.74	<0.174
toxaphene	<250	<250	<250	<100	<50	<694	<10	<10	<6.94	<0.694
Total Pesticide/PCB Compounds	0	0	0	0	0	0	0	0	0	0.03

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

[illegible]

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	P-7	P-8	P-10	P-11	P-12	P-13	P-13	P-13	P-14	DW-1
Date:	6/84	6/84	9/84	9/84	9/84	6/84	6/84*	6/84*	6/84	9/84**
USEPA Priority Pollutant										
Pesticide/PCB Compounds										
concentrations are in ug/L										
aldrin	<10	<10	<0.04	0.139	<0.004	<10	<10	<10	<10	<0.004
alpha-BHC	<10	<10	0.562	0.012	<0.002	<10	<10	<10	<10	<0.002
beta-BHC	<10	<10	<0.05	<0.005	<0.005	<10	<10	<10	<10	<0.005
gamma-BHC	<10	<10	<0.03	0.021	<0.003	<10	<10	<10	<10	<0.003
delta-BHC	<10	<10	<0.04	0.068	<0.004	<10	<10	<10	<10	<0.004
chlordane	<100	<100	<0.61	0.469	<0.061	<100	<100	<10	<100	<0.061
4,4'-DDT	<10	<10	<0.96	<0.096	<0.096	<10	<10	<10	<10	<0.096
4,4'-DDE	<10	<10	<0.07	<0.07	<0.007	<10	<10	<10	<10	<0.007
4,4'-DDD	<10	<10	<0.07	0.148	<0.007	<10	<10	<10	<10	<0.007
dieldrin	<10	<10	<0.07	0.018	<0.07	<10	<10	<10	<10	<0.007
endosulfan I	<10	<10	<0.06	<0.006	<0.06	<10	<10	<10	<10	<0.006
endosulfan II	<10	<10	<0.11	<0.011	<0.1	<10	<10	<10	<10	<0.011
endosulfan sulfate	<10	<10	<0.42	<0.042	<0.15	<10	<10	<10	<10	<0.042
endrin	<10	<10	<0.2	0.135	33.43	<10	<10	<10	<10	<0.02
endrin aldehyde	<10	<10	<0.22	<0.022	<0.22	<10	<10	<10	<10	<0.022
heptachlor	<10	<10	<0.04	0.301	0.110	<10	<10	<10	<10	<0.004
heptachlor epoxide	<10	<10	<0.05	<0.005	<0.005	<10	<10	<10	<10	<0.005
PCB-1016	<50	<50	<0.34	<0.034	<0.034	<50	<50	<10	<50	<0.034
PCB-1221	<50	<50	<0.133	<0.133	<0.133	<50	<50	<10	<50	<0.133
PCB-1232	<50	<50	<0.62	<0.062	<0.062	<50	<50	<10	<50	<0.062
PCB-1242	<50	<50	<0.82	<0.082	<0.082	<50	<50	<10	<50	<0.082
PCB-1248	<50	<50	<0.86	<0.086	<0.086	<50	<50	<10	<50	<0.086
PCB-1254	<50	<50	<1.23	<0.123	<0.123	<50	<50	<10	<50	<0.123
PCB-1260	<50	<50	<0.174	<0.174	<0.174	<50	<50	<10	<50	<0.174
toxaphene	<250	<250	<6.94	<0.694	<0.694	<250	<250	<10	<250	<0.694
Total Pesticide/PCB Compounds	0	0	0.562	1.311	33.54	0	0	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krumrich Plant, Sauget, Illinois. \*\*\*

Well Number:	DW-1	DW-4	DW-7	DW-7	DW-10	DW-18	DW-23	DW-24	DW-24	DW-29
Date:	11/85	9/84**	11/85	2/86	9/84**	9/84	9/84	9/84	9/84*	9/84
USEPA Priority Pollutant Pesticide/PCB Compounds concentrations are in ug/L										
aldrin	<1.9	<0.04	<1.9	<1.9	<0.04	0.005	<0.004	<0.004	<0.004	<0.004
alpha-BHC	<10	0.19	<10	<10	<0.02	<0.002	<0.002	<0.002	<0.002	<0.002
beta-BHC	<4.4	<0.05	<4.4	<4.5	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
gamma-BHC	<10	<0.03	<10	<10	<0.03	<0.003	<0.003	<0.003	<0.003	<0.003
delta-BHC	<3.1	<0.04	<3.1	<3.2	<0.04	<0.004	<0.004	<0.004	<0.004	<0.004
chlordane	<10	<0.61	<10	<10	<0.61	<0.61	<0.061	<0.061	<0.061	<0.061
4,4'-DDT	<2.8	<0.96	<2.8	<2.9	<0.96	<0.096	<0.096	<0.096	<0.096	<0.096
4,4'-DDE	<5.6	<0.07	<5.6	<5.7	<0.07	<0.007	<0.007	<0.007	<0.007	<0.007
4,4'-DDD	<4.7	<0.07	<4.7	<4.8	<0.07	<0.007	<0.007	<0.007	<0.007	<0.007
dieldrin	<2.5	<0.007	<2.5	<2.6	<0.007	<0.007	0.066	<0.007	<0.007	<0.007
endosulfan I	<10	0.27	<10	<10	0.136	<0.006	<0.006	<0.006	<0.006	0.025
endosulfan II	<10	<0.1	<10	<10	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
endosulfan sulfate	<5.6	<0.15	<5.6	<5.7	<0.042	<0.042	<0.042	<0.042	<0.042	<0.042
endrin	<10	<0.02	<10	<10	<0.020	<0.02	<0.02	<0.02	<0.02	<0.02
endrin aldehyde	<10	<0.022	<10	<10	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022
heptachlor	<1.9	<0.04	<1.9	<1.9	<0.04	<0.004	<0.004	<0.004	<0.004	<0.004
heptachlor epoxide	<2.2	0.074	<2.2	<2.2	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
PCB-1016	<36	<0.34	<36	<37	<0.34	<0.034	<0.034	<0.034	<0.034	<0.034
PCB-1221	<30	<1.33	<30	<31	<1.33	<0.133	<0.133	<0.133	<0.133	<0.133
PCB-1232	<36	<0.62	<36	<37	<0.62	<0.062	<0.062	<0.062	<0.062	<0.062
PCB-1242	<36	<0.82	<36	<37	<0.82	<0.082	<0.082	<0.082	<0.082	<0.082
PCB-1248	<36	<0.86	<36	<37	<0.86	<0.086	<0.086	<0.086	<0.086	<0.086
PCB-1254	<36	<1.23	<36	<37	<1.23	<0.123	<0.123	<0.123	<0.123	<0.123
PCB-1260	<36	<1.74	<36	<37	<1.74	<0.174	<0.174	<0.174	<0.174	<0.174
toxaphene	<10	<6.94	<10	<10	<6.94	<0.694	<0.694	<0.694	<0.694	<0.694
Total Pesticide/PCB Compounds	0	0.534	0	0	0.136	0.005	0.066	0	0	0.025

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, M.G. Krummrich Plant, Sauget, Illinois. \*\*\*

	Well Number:	DW-29	DW-30	DW-33	DW-34	DW-34	DW-34	DW-1-85	DW-1-85	BK-3	BK-3
	Date:	9/84*	11/85	9/84**	9/84**	11/85	2/86	11/85	2/86	9/84	2/86
USEPA Priority Pollutant											
Pesticide/PCB Compounds											
concentrations are in ug/L											
aldrin	NA	<2.0	<0.004	<0.004	<3.8	<1.9	<3.8	<2	<0.004	<1.9	
alpha-BHC	NA	<10	<0.002	<0.002	<20	<10	<20	<11	<0.002	<10	
beta-BHC	NA	<4.5	<0.005	<0.005	<8.8	<4.4	<8.8	<4.7	0.013	<4.5	
gamma-BHC	NA	<10	<0.003	<0.003	<20	<10	<20	<11	<0.003	<10	
delta-BHC	NA	<3.2	<0.004	<0.004	<6.2	<3.1	<6.2	<3.3	<0.004	<3.2	
chlordane	NA	<10	<0.061	<0.061	<20	<10	<20	<11	<0.061	<10	
4,4'-DDT	NA	<2.9	<0.096	<0.096	<5.6	<2.8	<5.6	<3	<0.096	<2.9	
4,4'-DDE	NA	<5.8	<0.007	<0.007	<11	<5.7	<11	<6	<0.007	<5.7	
4,4'-DDD	NA	<4.8	<0.007	<0.007	<9.4	<4.7	<9.4	<5	<0.007	<4.8	
dieldrin	NA	<2.6	0.02	<0.007	<5	<2.5	<5	<2.7	<0.007	<2.6	
endosulfan I	NA	<10	<0.006	<0.006	<20	<10	<20	<11	<0.006	<10	
endosulfan II	NA	<10	<0.011	<0.011	<20	<10	<20	<11	<0.011	<10	
endosulfan sulfate	NA	<5.8	<0.042	<0.042	<11	<5.7	<11	<6	<0.042	<5.7	
endrin	NA	<10	<0.02	<0.02	<20	<10	<20	<11	<0.02	<10	
endrin aldehyde	NA	<10	<0.022	<0.022	<20	<10	<20	<11	<0.022	<10	
heptachlor	NA	<2.0	<0.004	<0.004	<3.8	<1.9	<3.8	<2	0.019	<1.9	
heptachlor epoxide	NA	<2.3	<0.005	<0.005	<4.4	<2.2	<4.4	<2.3	<0.005	<2.2	
PCB-1016	NA	<37	<0.034	<0.034	<72	<36	<72	<38	<0.034	<37	
PCB-1221	NA	<31	<0.133	<0.133	<60	<30	<60	<32	<0.133	<31	
PCB-1232	NA	<37	<0.062	<0.062	<72	<36	<72	<38	<0.062	<37	
PCB-1242	NA	<37	<0.082	<0.082	<72	<36	<72	<38	<0.082	<37	
PCB-1248	NA	<37	<0.086	<0.086	<72	<36	<72	<38	<0.086	<37	
PCB-1254	NA	<37	<0.123	<0.123	<72	<36	<72	<38	<0.123	<37	
PCB-1260	NA	<37	<0.174	<0.174	<72	<36	<72	<38	<0.174	<37	
toxaphene	NA	<10	<0.694	<0.694	<20	<10	<20	<11	<0.694	<10	
Total Pesticide/PCB Compounds	NA	0	0.02	0	0	0	0	0	0.032	0	



Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, M.G. Krumerich Plant, Sauget, Illinois. \*\*\*

Well Number:	WB-6	WB-6	WB-6	WB-7	Field Blank	Trip Blank	Lab Blank
Date:	9/84**	11/85	2/86	9/84	6/84	6/84	9/84
USEPA Priority Pollutant Pesticide/PCB Compounds concentrations are in ug/L							
aldrin	<0.004	<1.9	<2	<0.004	<10	<10	<0.004
alpha-BHC	<0.002	<10	<10	0.0675	<10	<10	<0.002
beta-BHC	<0.005	<4.5	<4.6	<0.005	<10	<10	<0.005
gamma-BHC	<0.003	<10	<10	<0.003	<10	<10	<0.003
delta-BHC	<0.004	<3.2	<3.2	0.061	<10	<10	<0.004
chlordane	<0.061	<10	<10	<0.061	<100	<100	<0.061
4,4'-DDT	<0.096	<2.9	<2.9	<0.096	<10	<10	<0.096
4,4'-DDE	<0.007	<5.7	<5.9	<0.007	<10	<10	<0.007
4,4'-DDD	<0.007	<4.8	<4.9	<0.007	<10	<10	<0.007
dieldrin	<0.007	<2.6	<2.6	<0.007	<10	<10	<0.007
endosulfan I	<0.006	<10	<10	<0.006	<10	<10	<0.006
endosulfan II	<0.011	<10	<10	<0.011	<10	<10	<0.011
endosulfan sulfate	<0.042	<5.7	<5.8	<0.042	<10	<10	<0.042
endrin	<0.02	<10	<10	<0.02	<10	<10	<0.02
endrin aldehyde	<0.022	<10	<10	<0.022	<10	<10	<0.022
heptachlor	<0.004	<1.9	<2	<0.004	<10	<10	<0.004
heptachlor epoxide	<0.005	<2.2	<2.3	<0.005	<10	<10	<0.005
PCB-1016	<0.034	<37	<38	<0.034	<50	<50	<0.034
PCB-1221	<0.133	<31	<31	<0.133	<50	<50	<0.133
PCB-1232	<0.062	<37	<38	<0.062	<50	<50	<0.062
PCB-1242	<0.082	<37	<38	<0.082	<50	<50	<0.082
PCB-1248	<0.086	<37	<38	<0.086	<50	<50	<0.086
PCB-1254	<0.123	<37	<38	<0.123	<50	<50	<0.123
PCB-1260	<0.174	<37	<38	<0.174	<50	<50	<0.174
toxaphene	<0.694	<10	<10	<0.694	<250	<250	<0.694
Total Pesticide/PCB Compounds	0	0	0	0.1285	0	0	0

Table E-4. Summary of Pesticide/PCB Compounds in Ground Water, Monsanto Company, W.G. Krueger Plant, Sauget, Illinois. \*\*\*

NA - Not analyzed.

\* - Replicate analysis was provided by ETC (Edison, New Jersey).

\* - Replicate Analyses

\*\* - Prior to analysis, this sample was held by Envirodyne Engineers, Inc. longer than the maximum allowable USEPA holding time.

\*\*\* - Envirodyne Engineers, Inc. (St. Louis, MO.) provided the laboratory services for the September 1984 sampling round. ETC (Edison, New Jersey) performed the analyses for the November 1984 through February 1986 sampling programs.

< - Indicates that the compound was not detected at the detection limit which is the value shown next to the symbol.

**Area 1 - Monsanto**

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

### Area 1 - Monsanto

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

**Area 1 - Monsanto**

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

# SAUGET Analytical Data

Area 1 - Monsanto

## GROUNDWATER SAMPLES

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-9A	GM-9B	GM-9B	GM-9C	GM-9C	GM-10A	GM-10A	GM-10B	GM-10B	GM-10C	Maximum
	Date Collected	5/84	9/84	5/85	9/84	5/85	11/83	5/84	2/85	5/85	2/85	Detected
PESTICIDE/PCB												
Aldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC		ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	0.012
Beta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC		ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	0.003
Delta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		0	0.012	0	0.003	0	0	0	0	0	0	

**Area 1 - Monsanto**

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

SAUGET Analytical Data

Area 1 - Monsanto

GROUNDWATER SAMPLES

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-12A	GM-12A	GM-12	GM-12A	GM-12A	GM-12B	GM-12B	GM-12C	GM-12C	GM-12C	Maximum
	Date Collected	2/85*	5/85	5/85*	2/86	2/86*	9/84	11/84	2/85	2/85*	5/85	Detected
PESTICIDE/PCB												
Aldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	10.69	ND	ND	ND	ND	10.69
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		0	0	0	0	0	10.69	0	0	0	0	



**SAUGET Analytical Data**

Area 1 - Monsanto

**GROUNDWATER SAMPLES**

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-12C	GM-13	GM-13	GM-14	GM-15	GM-16A	GM-16A	GM-16A	GM-16B	GM-16B	Maximum
	Date Collected	5/85*	9/84	2/86	9/84	9/84	9/84**	5/85	11/85	9/84**	5/85	Detected
PESTICIDE/PCB												
Aldrin		ND	0.58	ND	ND	0.055	ND	ND	ND	ND	ND	0.58
Alpha-BHC		ND	35.4	ND	ND	0.055	ND	ND	ND	ND	ND	35.4
Beta-BHC		ND	ND	ND	ND	0.108	ND	ND	ND	ND	ND	0.108
Gamma-BHC		ND	0.73	ND	ND	0.008	ND	ND	ND	ND	ND	0.73
Delta-BHC		ND	0.243	ND	ND	0.012	ND	ND	ND	ND	ND	0.243
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	0.004
4,4'-DDD		ND	ND	ND	ND	0.063	ND	ND	ND	ND	ND	0.063
Dieldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	68.2	ND	ND	ND	ND	ND	ND	ND	ND	68.2
Heptachlor epoxide		ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	1.01
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	4.99	ND	ND	ND	ND	ND	4.99
PCB-1260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		0	106.163	0	0	5.272	0	0	0	0	0	

**SAUGET Analytical Data**

Area 1 - Monsanto

**GROUNDWATER SAMPLES**

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-16B	GM-16B	GM-17A	GM-17A	GM-17B	GM-17B	GM-17C	GM-17C	GM-18A	GM-18A	Maximum
	Date Collected	11/85	2/86	9/84	11/84	9/84	11/84	9/84	11/84	9/84	5/85	Detected
PESTICIDE/PCB												
Aldrin		ND	NA	0.048	ND	0.017	ND	0.006	ND	0.0358	ND	0.048
Alpha-BHC		ND	NA	0.1	ND	0.012	ND	0.046	ND	0.0276	ND	0.1
Beta-BHC		ND	NA	ND	ND	0.101	ND	ND	ND	ND	ND	0.101
Gamma-BHC		ND	NA	0.075	ND	0.014	ND	ND	ND	0.0144	ND	0.075
Delta-BHC		ND	NA	ND	ND	0.023	ND	ND	ND	ND	ND	0.023
Chlordane		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	NA	ND	ND	0.826	ND	0.139	ND	0.167	ND	0.826
Endrin		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	NA	ND	ND	0.022	ND	ND	ND	ND	ND	0.022
Heptachlor epoxide		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		74.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.8
Toxaphene		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		74.8	0	0.223	0	1.015	0	0.191	0	0.2448	0	

**SAUGET Analytical Data**

Area 1 - Monsanto

**GROUNDWATER SAMPLES**

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-18B	GM-18B	GM-25A	GM-25A	GM-25B	GM-25B	GM-27B	GM-27B	GM-27C	GM-27C	Maximum
	Date Collected	9/84	5/85	9/84	11/84	09/84	11/84	9/84	2/86	9/84	2/86	Detected
PESTICIDE/PCB												
Aldrin		0.068	ND	0.003	ND	0.099	ND	0.016	ND	0.034	ND	0.099
Alpha-BHC		0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009
Beta-BHC		0.004	ND	ND	ND	0.162	ND	ND	ND	ND	ND	0.162
Gamma-BHC		0.072	ND	0.002	ND	0.219	ND	ND	ND	19.3	ND	19.3
Delta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	0.014
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014
Dieldrin		ND	ND	0.002	ND	0.052	ND	ND	ND	ND	ND	0.052
Endosulfan I		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		0.124	ND	ND	ND	0.161	ND	ND	ND	0.316	ND	0.316
Endrin		ND	ND	ND	ND	ND	ND	35.8	ND	15.2	ND	35.8
Endrin aldehyde		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	ND	ND	ND	ND	ND	0.01	ND	0.082	ND	0.082
Heptachlor epoxide		0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		ND	ND	ND	ND	ND	ND	0.94	ND	ND	ND	0.94
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		0.297	0	0.007	0	0.95	0	36.766	0	34.946	0	

**SAUGET Analytical Data**

Area 1 - Monsanto

**GROUNDWATER SAMPLES**

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	GM-28B	GM-28B	GM-28C	GM-28C	GM-29	GM-29	GM-30	GM-30	GM-30	GM-31A	Maximum
	Date Collected	9/84	2/86	9/84	2/86	9/84**	11/85	9/84**	11/85	2/86	2/85	Detected
PESTICIDE/PCB												
Aldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-BHC		17.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.5
Beta-BHC		6	ND	ND	ND	ND	ND	ND	ND	ND	ND	6
Gamma-BHC		42	ND	0.04	ND	ND	ND	ND	ND	ND	ND	42
Delta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		283	ND	ND	ND	ND	ND	ND	ND	ND	ND	283
Endrin aldehyde		0.014	ND	0.014	ND	0.258	ND	ND	ND	ND	ND	0.258
Heptachlor		2.09	ND	0.47	ND	ND	ND	ND	ND	ND	ND	2.09
Heptachlor epoxide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		350 604	0	0 524	0	0 258	0	0	0	0	0	

### Area 1 - Monsanto

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

**Area 1 - Monsanto**

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

### Area 1 - Monsanto

**Pesticide/PCB Compounds (UG/L)**

Collected by Geraghty & Miller (11/83, 11/84)

[illegible]

SAUGET Analytical Data

Area 1 - Monsanto

GROUNDWATER SAMPLES

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

Sample Number	P-7	P-8	P-10	P-11	P-12	P-13	P-13	P-13	P-14	DW-1	Maximum
Date Collected	6/84	6/84	9/84	9/84	9/84	6/84	6/84*	6/84*	6/84	9/84**	Detected
PESTICIDE/PCB											
Aldrin	ND	ND	ND	0.139	ND	ND	ND	ND	ND	ND	0.139
Alpha-BHC	ND	ND	0.562	0.012	ND	ND	ND	ND	ND	ND	0.562
Beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND	0.021
Delta-BHC	ND	ND	ND	0.068	ND	ND	ND	ND	ND	ND	0.068
Chlordane	ND	ND	ND	0.469	ND	ND	ND	ND	ND	ND	0.469
4,4'-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	ND	ND	ND	0.148	ND	ND	ND	ND	ND	ND	0.148
Dieldrin	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND	0.018
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	0.135	33.43	ND	ND	ND	ND	ND	33.43
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	0.301	0.11	ND	ND	ND	ND	ND	0.301
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB	0	0	0.562	1.311	33.54	0	0	0	0	0	



**SAUGET Analytical Data**

Area 1 - Monsanto

**GROUNDWATER SAMPLES**

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	DW-1	DW-4	DW-7	DW-7	DW-10	DW-18	DW-23	DW-24	DW-24	DW-29	Maximum
	Date Collected	11/85	9/84**	11/85	2/86	9/84**	9/84	9/84	9/84	9/84*	9/84	Detected
PESTICIDE/PCB												
Aldrin		ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	0.005
Alpha-BHC		ND	0.19	ND	ND	ND	ND	ND	ND	ND	ND	0.19
Beta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta-BHC		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		ND	ND	ND	ND	ND	ND	0.066	ND	ND	ND	0.066
Endosulfan I		ND	0.27	ND	ND	0.136	ND	ND	ND	ND	0.025	0.27
Endosulfan II		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide		ND	0.074	ND	ND	ND	ND	ND	ND	ND	ND	0.074
PCB-1016		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1221		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1232		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1242		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1248		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1254		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB-1260		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL Pest/PCB		0	0.534	0	0	0.136	0.005	0.066	0	0	0.025	

# SAUGET Analytical Data

Area 1 - Monsanto

## GROUNDWATER SAMPLES

Pesticide/PCB Compounds (UG/L)

Collected by Geraghty & Miller (11/83, 11/84)

	Sample Number	WB-6	WB-6	WB-6	WB-7	FIELD BLANK	TRIP BLANK					Maximum
	Date Collected	9/84**	11/85	2/86	9/84	6/84	6/84					Detected
PESTICIDE/PCB												
Aldrin		ND	ND	ND	ND	ND	ND					ND
Alpha-BHC		ND	ND	ND	0.0675	ND	ND					0.0675
Beta-BHC		ND	ND	ND	ND	ND	ND					ND
Gamma-BHC		ND	ND	ND	ND	ND	ND					ND
Delta-BHC		ND	ND	ND	0.061	ND	ND					0.061
Chlordane		ND	ND	ND	ND	ND	ND					ND
4,4'-DDT		ND	ND	ND	ND	ND	ND					ND
4,4'-DDE		ND	ND	ND	ND	ND	ND					ND
4,4'-DDD		ND	ND	ND	ND	ND	ND					ND
Dieldrin		ND	ND	ND	ND	ND	ND					ND
Endosulfan I		ND	ND	ND	ND	ND	ND					ND
Endosulfan II		ND	ND	ND	ND	ND	ND					ND
Endosulfan sulfate		ND	ND	ND	ND	ND	ND					ND
Endrin		ND	ND	ND	ND	ND	ND					ND
Endrin aldehyde		ND	ND	ND	ND	ND	ND					ND
Heptachlor		ND	ND	ND	ND	ND	ND					ND
Heptachlor epoxide		ND	ND	ND	ND	ND	ND					ND
PCB-1016		ND	ND	ND	ND	ND	ND					ND
PCB-1221		ND	ND	ND	ND	ND	ND					ND
PCB-1232		ND	ND	ND	ND	ND	ND					ND
PCB-1242		ND	ND	ND	ND	ND	ND					ND
PCB-1248		ND	ND	ND	ND	ND	ND					ND
PCB-1254		ND	ND	ND	ND	ND	ND					ND
PCB-1260		ND	ND	ND	ND	ND	ND					ND
Toxaphene		ND	ND	ND	ND	ND	ND					ND
TOTAL Pest/PCB		0	0	0	0.1285	0	0					